

## 32-3182: AMTN Recombinant Protein

**Alternative Name :** UNQ689,Amelotin,PRO1329.

### Description

Source : Escherichia Coli. AMTN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 216 amino acids (17-209 a.a.) and having a molecular mass of 22.2kDa.AMTN is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. AMTN is a member of the amelotin family. AMTN is a lately discovered secreted enamel protein. AMTN mainly expressed during the maturation stage of enamel formation. AMTN gathers in a basal lamina-like structure at the interface between ameloblasts and enamel mineral and it co-localizes with one more lately described enamel protein, odontogenic ameloblast- related protein ODAM.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	AMTN protein solution (0.5mg/ml) contains mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 2mM DTT.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SGLVPRGSH MGS LPQLKPA LGLPPTKLAP DQGTLPNQQQ SNQVFPSSL IPLTQMLTLG PDLHLLNPAA GMTPGTQTHP LTLGGLNVQQ QLHPHVLPIF VTQLGAQGTI LSSEELPQIF TSLIIHSLFP GGILPTSQAG ANPDVQDGS L PGGAGVNPA TQGT PAGR LP T PSGTDDDF A V TTPAGIQRS THAIEEATTE SANGIQ.

